

Converting Colors

Hex(01839A)

Have a look what the booklet for
Hex(01839A) contains.

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Color

Hex(01839A)

Conversions

Conversions Part 1

Format	Color
Hex	01839A
RGB	1, 131, 154
RGB Percent	0%, 51%, 60%
CMY	0.9961, 0.4863, 0.3961
CMYK	0.99, 0.15, 0.00, 0.40
HSL	189°, 99%, 30%
HSV	189°, 99%, 60%
XYZ	13.9616, 18.5721, 33.4208
YIQ	94.7520, -84.8630, -20.4070

Conversions

Conversions Part 2

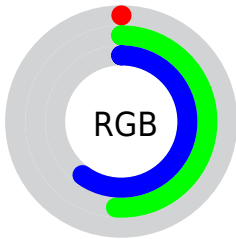
Format	Color
RYB	1, 71, 154
Decimal	99226
CIELab	50.18, -21.45, -20.80
CIELCh	50, 29.884, 224.117
Yxy	18.5721, 0.2117, 0.2816
Android (android.graphics.Color)	4278289306 (0xFF01839A)
YUV	94.7520, 29.2093, -82.2205
Hunter-Lab	43.0954, -17.5886, -15.8130

Details

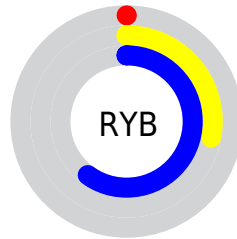
The Hex color **01839A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9A1801**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **57B8D0**, and **005167** is the 20% darker color. If you saturate the color by 10%, you get **00839A**, and if you desaturate by 10%, it is **10859A**.

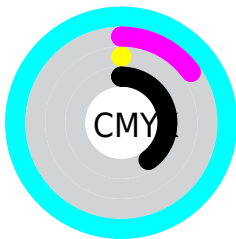
Distribution



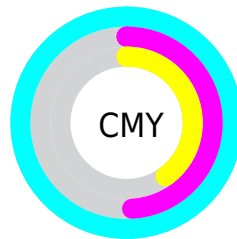
- Red (0%)
- Green (51%)
- Blue (60%)



- Red (0%)
- Yellow (28%)
- Blue (60%)



- Cyan (99%)
- Magenta (15%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01839A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 01839A by changing the saturation by 10% instead.

01839A

01839A

FFFFFF

006A80

57B8D0

005167

76D4ED

003A4F

93F0FF

002438

B0FFFF

000323

CEFFFF

000009

ECFFFF

000000

01839A

01839A

00839A

10859A

■ 20889A

■ 2F8A9A

■ 3F8C9A

■ 4E8F9A

■ 5D919A

■ 6D939A

■ 7C969A

■ 8C989A

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



168583



01839A



397EA8

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



01839A



A06586



7C7A45

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



01839A



9A1801

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



947147



01839A



A9646C

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



01839A



896C9C



A46955



608052

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



01839A



5879AA



A46955



857744

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



01839A



8DC0C9



019A18



416066



E6E6E6



666666

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



01839A



00ABC9



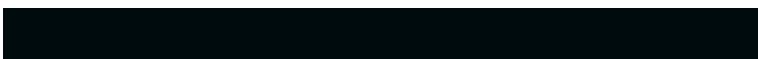
01379A



454B4D



00778C



000B0D

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



9A0183



C900AB



9A6401



4D454B



8C0077



0D000B

Previews

White Background



This preview shows how the Hex color 01839A looks on a white background.

Color Contrast Check

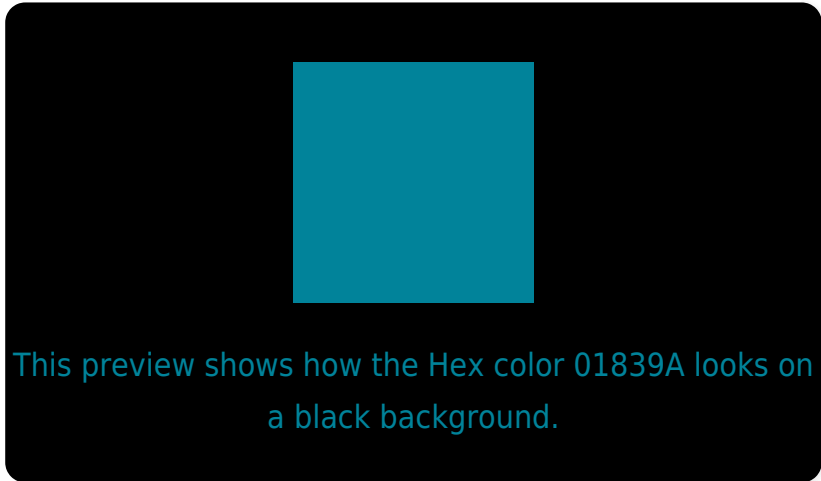
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

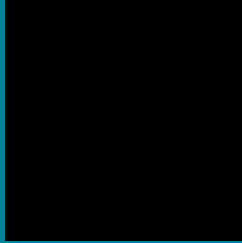
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 01839A Background



This preview shows how black text looks on a background with the Hex color 01839A.

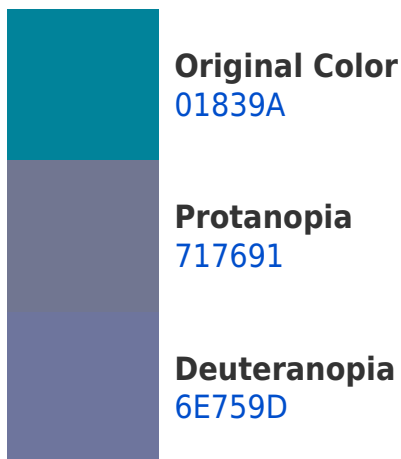


This preview shows how white text looks on a background with the Hex color 01839A.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



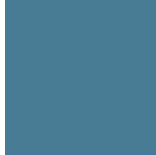


Tritanopia
00848F

Trichromacy



Original Color
01839A



Protanomaly
487B94



Deuteranomaly
467A9C



Tritanomaly
008493

Monochromacy



Original Color
01839A



Achromatopsia
5F5F5F



Achromatomaly
3D6C74

CSS Examples

Text

The CSS property to change the color of the text to Hex 01839A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #01839A looks like.

```
.text, #text, p{  
    color:#01839A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #01839A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01839A
}
```

Border

The CSS property to change the border of an element to Hex 01839A is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#01839A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#01839A }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #01839A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01839A; -webkit-box-shadow:4px 4px  
4px 4px #01839A; box-shadow:4px 4px 4px  
4px #01839A }
```

Background

The CSS property to change the background color of an element to Hex 01839A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01839A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#01839A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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